

B<sup>1</sup>  
1. (Twice Amended) A structure for magnetizing a rotor magnet of a motor, comprising:

a rotor, the rotor being a unitary magnet cylinder bounded by an inner surface and outer surface, wherein at least one of said surfaces is a unitary and continuous wavy curve surface; and

a stator having a plurality of silicon steel sheets wound by a plurality of winding coils.

3. (Amended) A structure of claim 3, wherein said at least one wavy curve surface of said magnet cylinder includes a plurality of continuously connected curve surfaces having different arc centers.

B<sup>2</sup>  
5. (Amended) A structure for magnetizing a stator magnet of a motor, comprising:

a stator, the stator being a unitary magnet cylinder bounded by an inner surface and outer surface, wherein at least one of said surfaces is a unitary and continuous wavy curve surface; and

a rotor having a plurality of silicon steel sheets wound by a plurality of winding coils.

7. (Amended) A structure of claim 5, wherein said at least one wavy curve surface of said magnet cylinder includes a plurality of continuously connected curve surfaces having different arc centers.

B3 9. (Twice Amended) A structure for magnetizing a rotor magnet,  
comprising:

a rotor, the rotor being a unitary magnet cylinder with a non-periodic  
lumpy edge; and

a stator having a plurality of silicon steel sheets wound by a plurality of  
winding coils and mounted inside said magnet cylinder.

B4 11. (Twice Amended) A structure for magnetizing a stator magnet,  
comprising:

a stator, the stator being a unitary magnet cylinder with a non-periodic  
lumpy edge; and

a rotor having a plurality of silicon steel sheets wound by a plurality of  
winding coils and mounted inside said magnet cylinder.

### REMARKS

#### Status of the Application

Claims 1-12 are pending in the subject application and stand rejected. Claims 2 and 6 were cancelled without prejudice and disclaimer. Claims 1, 5, 9 and 11 were amended. Figs. 2-5 provide support for the amendments. Accordingly, no new matter is introduced by the amendments.

In a telephone communication with undersigned attorney M. Comninou, Examiner Addison indicated that the Office Action is not final. Entry of the amendments and reconsideration is respectfully requested.